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*Admitted only in Maryland
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June 30, 2004

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Art Unit 3763

Re: U.S. Utility Patent Application
Application No. 10/718,689; Filed: November 24, 2003
For: **Apparatus and Method for Wire Exchange**
Inventor: Niall Duffy
Our Ref: PA 1543 (1737.2710000)

Sir:

Transmitted herewith for appropriate action are the following documents:

1. An original executed Certificate Under 37 C.F.R. § 3.73(b) with a copy of the Assignment attached;
2. An original executed Power of Attorney from Assignee; and
3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Teresa U. Medler
Attorney for Applicant
Registration No. 44,933

TUM/shr
Encls.

SKGF_277898.1



POWER OF ATTORNEY FROM ASSIGNEE

Medtronic Vascular, Inc., a corporation of Delaware, having a principal place of business at 3576 Unocal Place, Santa Rosa, CA 95403, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on October 16, 2003 of an invention known as Apparatus and Method for Wire Exchange (Attorney Docket No. PA1543 US (1737.2710000)), which is disclosed and claimed in a patent application of the same title by the inventor Niall Duffy (said application filed on November 24, 2003 at the U.S. Patent and Trademark Office, having Application Number 10/718,689).

Jim 06/20/04

The Assignee hereby appoints the U.S. attorneys associated with **CUSTOMER NUMBER 28390** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

IP Legal Department
Medtronic Vascular, Inc.
3576 Unocal Place
Santa Rosa, CA 95403

Direct phone calls to 707-543-0221.

FOR:

SIGNATURE:

Catherine L. Maresch

BY: CATHERINE L. MARESH

TITLE: SENIOR PATENT COUNSEL

DATE: June 1, 2004



Certificate Under 37 C.F.R. § 3.73(b)

PA1543 US (1737.2710000)

Applicant/Patent Owner: Niall Duffy

Application No./Patent No.: 10/718,689 Filed/Issue Date: November 24, 2003

Entitled: Apparatus and Method for Wire Exchange

Medtronic Vascular, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor of the patent application identified above. The assignment of which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
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3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature: Catherine C. Nakesh

Name: CATHERINE C. NAKESH

Title: Senior Patent Counsel

Date: June 1, 2004

ASSIGNMENT

71543 US

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventor: Niall Duffy, the undersigned inventor hereby sells and assigns to Medtronic Vascular, Inc. (the Assignee) his entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es)

- ☒ for the United States of America (as defined in 35 U.S.C. § 100),
☒ and throughout the world,

(a) in the invention known as Apparatus and Method for Wire Exchange for which application for patent in the United States of America has (have) been executed by the undersigned on 11/25/2003 (also known as United States Application No. 10/718,689, filed 11/24/2003), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor agrees to execute all papers necessary in connection with the application and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application thereof and also to execute separate assignments in connection with such application as the Assignee may deem necessary or expedient.

The undersigned inventor agrees to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor hereby represents that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict therewith.

21543 US

The undersigned inventor hereby grants the U.S. attorney associated with customer number 28390 power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor on the date opposite his name.

Date: 25/11/03 Signature of Inventor: Niall Duffy
Niall Duffy

SKGF_DC1:181920.1

REPUBLIC OF IRELAND)
COUNTY OF GALWAY)

Martin J. Kearns

MARTIN J. KEARNS
NOTARY PUBLIC
1 DEVON PLACE, THE CRESCENT
GALWAY, IRELAND.
COMMISSIONED FOR LIFE

